hancockii; 9. W. ilvensis; 10. W. intermedia; 11. W. macrochleana; 12. W. oblonga; 13. W. alpina; 14. W. polystichoides Eat. var. sinuata Hook.; 15. W. subcordata; 16. W. polystichoides Eat. var. polystichoides; 17. Cheilanthopsis indusiosa; 18. Protowoodsia manchuriensis; 19. W. scopulina; 20. W. elongata.

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中国罗汉果植物染色体数目观察

关键词 染色体数目,罗汉果

罗汉果 Siraitia grosvenori (Swingle) C. Jeffrey ex Lu et Z. Y. Zhang 属葫芦科 Cucurbitaceae, 笔者对罗汉果染色体作了观察。材料取自广西永福县龙江乡,王善敏 85-001,凭证标本保存在中国科学院自然资源综合考察委员会标本室。

笔者共选择了 30 个染色体分散良好的细胞,在 100 倍油镜下进行染色体计数。结果表明: 所观察的细胞染色体数目均为 2n = 28 (见图 1),与前人¹⁾报道的 2n = 24 不一致。本结果为国内外首次报道。

王善敏 (中国科学院自然资源综合考察委员会)

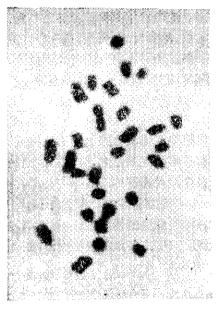


图 1

OBSERVATIONS ON THE CHROMOSOME NUMBER OF SIRAITIA GROSVE NORI IN CHINA

Abstract A cytological study reveals the chromosome number of 2n=28 for Siraitia grosvenori (Swingle) C. Jeffrey ex Lu et Z. Y. Zhang from Yongfu County, Guangxi (fig. 1), which is different from the previous report of 2n=24 (Zou Qi-li et al. 1980). The voucher is deposited in the herbarium of Commission for Integrated Survey of Natural Resources, Academia Sinica.

Key words

Chromosome number; Siraitia grosvenori

Wang Shan-min (Commission for Integrated Survey of Natural Resources, Academia Sinica, Beijing)

¹⁾邹琦丽等人,1980;罗汉果染色体的初步观察,广西植物 4:24。